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*Viscose, *Fibers (Natural), *Cotton textiles, Optical
properties, *Anisotropy, Refractive index, Sodium com-
pounds, Hydroxides.

On the basis of the known optical characteristics of
cellulose fibers, the material can be classified. The
measurement of birefringence taking into account the
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by certain treatments show clearly the special proper-
ties of each of the different cellulose fiber groups
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DESCRIPTORS: *Electrolytic polishing, Surfaces,
Preparation, Metals, Alloys, Non-destructive testing.

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has been employed for preparing surfaces for exami-
nation by the new transparent cellulose replica tech-
nique, on specimens of all shapes and sizes. Methods
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